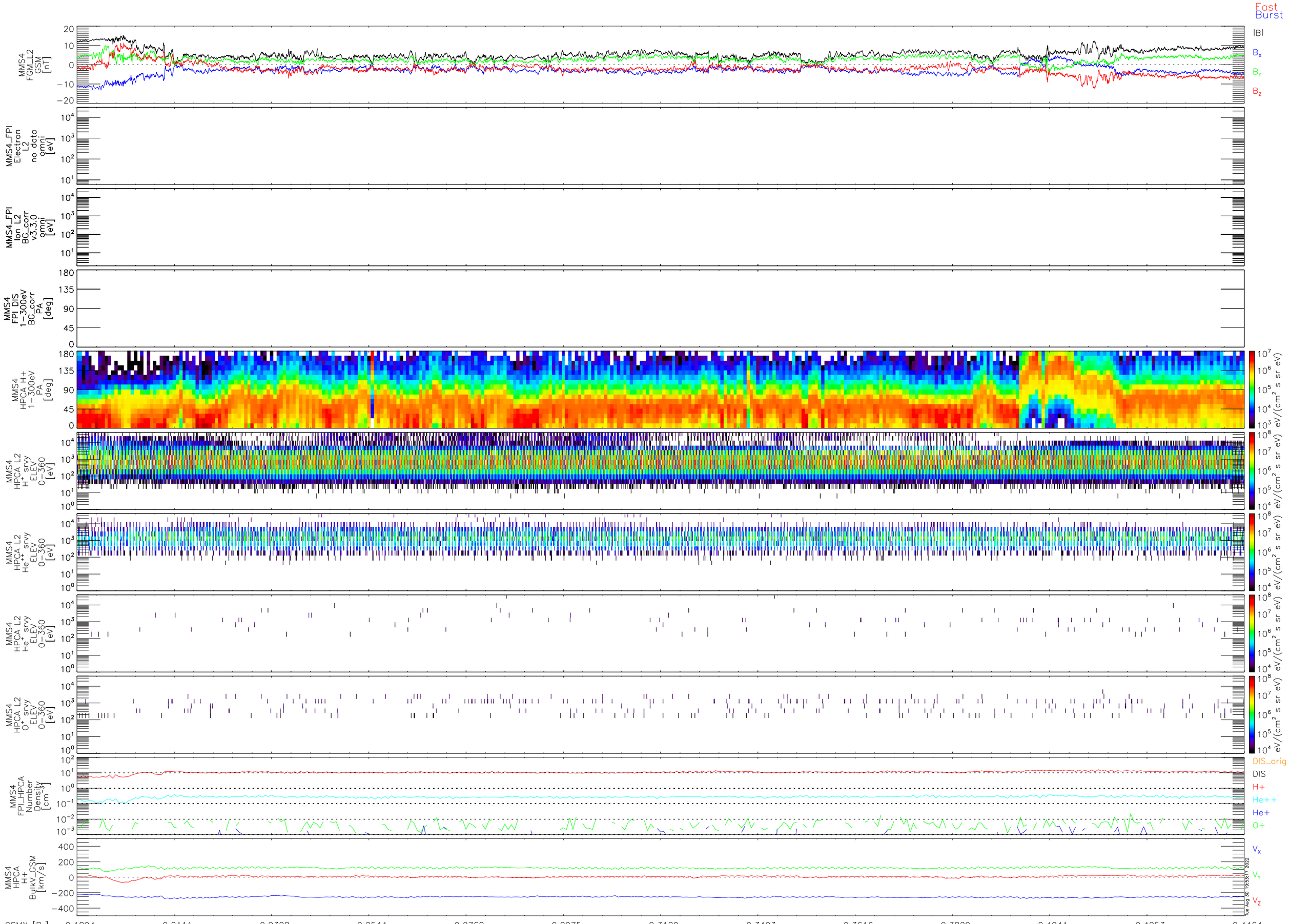
Fast
Burst
MMS4 FGM_L2 GSM [nT]
|B|
B_x
B_y
B_z
MMS4_FPI Electron L2 no data omni [eV]
MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]
MMS4 FPI DIS 1–300eV BG_corr PA [deg]
MMS4 HPCA H+ 1–300eV PA [deg]
MMS4 HPCA L2 H^+ srvy ELEV 0–360 [eV]
MMS4 HPCA L2 He^{++} srvy ELEV 0–360 [eV]
MMS4 HPCA L2 He^+ srvy ELEV 0–360 [eV]
MMS4 HPCA L2 O^+ srvy ELEV 0–360 [eV]
eV/(cm^2 s sr eV)
MMS4 FPI_HPCA Number Density [cm^{-3}]
DIS_orig
DIS
H+
He++
He+
O+
MMS4 HPCA H+ BulkV_GSM [km/s]
V_x
V_Y
V_z
Tue Aug 30 19:53:17 2022
GSMX [R_E] −9.1894 −9.2111 −9.2328 −9.2544 −9.2760 −9.2975 −9.3189 −9.3403 −9.3616 −9.3829 −9.4041 −9.4253 −9.4464
GSMY [R_E] 26.8416 26.8472 26.8525 26.8576 26.8626 26.8673 26.8718 26.8760 26.8800 26.8837 26.8872 26.8903 26.8931
GSMZ [R_E] 0.6488 0.6044 0.5580 0.5096 0.4591 0.4067 0.3522 0.2958 0.2373 0.1770 0.1147 0.0505 −0.0156
hhmm 0000 0005 0010 0015 0020 0025 0030 0035 0040 0045 0050 0055 0100
2019 Oct 17
HPCA_ION v4.3.0 HPCA_MOMS v4.3.0